

**METHOD AND DEVICE FOR PREVENTING PLAQUE FORMATION
IN CORONARY ARTERIES**

Abstract

5 A method and device for preventing plaque build-up in a coronary artery includes providing an electrical field generating device, and generating an electrical field in the coronary artery to prevent plaque build-up in the coronary artery. The method further includes sensing the heart rhythm and generating the electrical field after a depolarization wave in the heart. The electrical field is generated by circuitry, in one
10 embodiment implanted circuitry, connected to leads which are epicardially or intracardially positioned on the heart.

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